IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A process for production of an allyl and/or methallyl ether of a tri or polyhydric alcohol ~~characterised in, that~~ wherein said process comprises the steps of:

i) subjecting at least one cyclic formal of at least one tri or polyhydric alcohol to allylation by reaction with at least one allyl and/or methallyl halide in presence of a catalytically effective amount of at least one basic catalyst, whereby a reaction mixture, comprising at least one allyl and/or methallyl ether of said cyclic formal, is yielded, and

ii) subjecting in step (i) yielded allyl and/or methallyl ether of said cyclic formal to reaction with at least one alcohol, having one or more hydroxyl groups, optionally in presence of a catalytically effective amount of at least one organic acid catalyst, whereby a reaction mixture, comprising at least one allyl and/or methallyl ether of said tri or polyhydric alcohol and at least one formal of said alcohol, is yielded.

2. (Currently Amended) A process according to Claim 1, wherein ~~characterised in, that~~ said step (i) is performed at a temperature of 60-140°C.

3. (Currently Amended) A process according to Claim 1, wherein ~~or 2 characterised in, that~~ said step (ii) is performed at a temperature of 80-160°C.

4. (Currently Amended) A process according to ~~any of the Claims 1-3 characterised in, that~~ Claim 1, wherein said optional intermediate purification comprises extraction and optionally further purification by evaporation~~, such as distillation~~.

5. (Currently Amended) A process according to ~~any of the Claims 1-4 characerised in, that~~ Claim 1, wherein said optional final purification step comprises purification of the reaction mixture obtained in step (ii) by evaporation~~, such as distillation~~.

6. (Currently Amended) A process according to ~~any of the Claims 1-5 characerised in, that~~ Claim 1, wherein said at least one cyclic formal is a recovered by-product or is present in a mixture of by-products from a synthesis of a tri or polyalcohol.

7. (Currently Amended) A process according to ~~any of the Claims 1-5 characterised in, that~~ Claim 1, wherein said at least one cyclic formal is recovered from a waste stream and/or a mixture of by-products from a synthesis of a tri or polyalcohol and optionally that said cyclic formal is purified.

8. (Currently Amended) A process according to ~~any of the Claims 1-7 characterised in, that~~ Claim 1, wherein said at least one cyclic formal is at least one cyclic formal selected from the group consisting of a 1,2,3-propanetriol, 2-alkyl-2-hydroxyalkyl-1,3-propanediol, 2-alkyl-2-

hydroxyalkoxy-1,3-propandiol, 2-alkyl-2-hydroxyalkoxyalkyl-1,3-propanediol, 2,2-dihydroxyalkyl-1,3-propanediol, 2,2-dihydroxyalkoxy-1,3-propanediol or 2,2-dihydroxyalkoxyalkyl-1,3-propanediol.

9. (Currently Amended) A process according to ~~any of the Claims 1-7 characterised in, that~~ Claim 1, wherein said at least one cyclic formal is at least one cyclic formal of at least one dimer, trimer or polymer selected from the group consisting of a 1,2,3-propanetriol, 2-alkyl-2-hydroxyalkyl-1,3-propanediol, 2-alkyl-2-hydroxyalkoxy-1,3-propandiol, 2-alkyl-2-hydroxyalkoxyalkyl-1,3-propanediol, 2,2-dihydroxyalkyl-1,3-propanediol, 2,2-dihydroxyalkoxy-1,3-propanediol or 2,2-dihydroxyalkoxyalkyl-1,3-propanediol.

10. (Currently Amended) A process according to ~~any of the Claims 1-9 characterised in, that~~ Claim 1, wherein said at least one cyclic formal is at least one cyclic formal selected from the group consisting of glycerol, trimethylolethane, trimethylolpropane, diglycerol, ditrimethylolethane, ditrimethylolpropane, pentaerythritol or dipentaerythritol.

11. (Currently Amended) A process according to ~~any of the Claims 1-9 characterised in, that~~ Claim 1, wherein said at least one cyclic formal is at least one cyclic formal selected from the group consisting of an ethoxylated and/or propoxylated glycerol, trimethylolethane, trimethlolpropane, diglycerol, ditrimethylolethane, ditrimethylolpropane, pentaerythritol or dipentaerythritol.

12. (Currently Amended) A process according to ~~any of the Claims 1-9 characterised in, that~~ Claim 1, wherein said at least one cyclic formal is selected from the group consisting of at least one 4-hydroxyalkyl-1,3-dioxolane, 5-hydroxy-1,3-dioxane, 5-alkyl-5-hydroxy-1,3-dioxane, 5-alkyl-5-hydroxyalkyl-1,3-dioxane or 5,5-hydroxy-alkyl-1,3-dioxane.

13. (Currently Amended) A process according to Claim 12, wherein ~~characterised in, that said~~ at least one cyclic formal is selected from the group consisting of 5-hydroxy-1,3-dioxane, 5-methyl-5-hydroxymethyl-1,3-dioxane, 5-ethyl-5-hydroxymethyl-1,3-dioxane or 5,5-dihydroxymethyl-1,3-dioxane.

14. (Currently Amended) A process according to ~~any of the Claims 1-13 characterised in, that~~ Claim 1, wherein said at least one allyl ~~and/or methallyl~~ halide is allyl, [[and/or]] methallyl bromide [[and/or]] or chloride.

15. (Currently Amended) A process according to ~~any of the Claims 1-14 characterised in, that~~ Claim 1, wherein said at least one basic catalyst is at least one alkali [[and/or]] or alkaline earth metal hydroxide, alkoxide [[and/or]] or carbonate.

16. (Currently Amended) A process according to Claim 15, wherein ~~characterised in, that~~ said at least one basic catalyst is potassium [[and/or]] or sodium hydroxide, carbonate [[and/or]] or methoxide.

17. (Currently Amended) A process according to ~~any of the Claims 1-16 characterised in, that~~ Claim 1, wherein said at least one alcohol, having one or more hydroxyl groups, is at least one mono, di, tri or polyalcohol.

18. (Currently Amended) A process according to Claim 17, wherein ~~characterised in, that~~ said at least one mono, di, tri or polyalcohol is an alkanol, an alkanediol, a 2,2-alkyl-1,3-propanediol, a 2-alkyl-2-hydroxyallkyl-1,3-propanediol, a 2,2-dihydroxyalkyl-1,3-propanediol or a dimer, trimer, or polymer of a said alcohol.

19. (Currently Amended) A process according to Claim 17, wherein ~~or 18 characterised in, that~~ said at least one mono, di, tri or polyalcohol is methanol, 2-ethylhexanediol, ethylene glycol, neopentyl glycol, trimethylolpropane and/or trimethylolethane.

20. (Currently Amended) A process according to ~~any of the Claims 1-19 characterised in, that~~ Claim 1, wherein said at least one organic acid catalyst is *p*-toluenesulphonic acid [[and/or]] or methanesulphonic acid.

21. (Currently Amended) A process according to ~~any of the Claims 1-20 characterised in, that~~ Claim 1, wherein said at leaset one cyclic formal subjected to allylation in step (i) is 5,5-dihydroxymethyl-1,3-dioxane or a mixture, such as a waste stream, comprising 5,5-dihydroxymethyl-1,3-dioxane and that said alcohol, which in step (ii) is subjected to reaction within step (i) yielded allyl and/or methallyl ether, is trimethylolpropane.

22. (Currently Amended) An allyl ~~and/or methallyl~~ ether of a tri or polyhydric alcohol, ~~characterised in, that~~ wherein it is yielded in the process of ~~any of the Claims 1-21~~ Claim 1.

23. (Currently Amended) An allyl and/or methallyl ether according to Claim 22, wherein ~~characterised in, that that~~ said allyl and/or methallyl ether is at least one monoallyl, dially, monomethallyl and/or dimethallyl ether of pentaerythritol.

24. (Currently Amended) A novel allyl and/or methallyl ether, ~~characterised in, that~~ wherein it is yielded in step (i) of the process according to Claim 1.

25. (Currently Amended) A novel allyl and/or methallyl ether according to Claim 24, wherein ~~characterised in, that~~ said allyl and/or methallyl ether is at least one monoallyl, diallyl, monomethallyl and/or dimethallyl ether of 5,5-dihydroxymethyl-1,3-dioxane.

26. (Currently Amended) A novel allyl and/or methallyl ether according to Claim 25, wherein ~~characterised in, that~~ said 5,5-dihydroxymethyl-1,3-dioxane is yielded as by-product in a synthesis of pentaerythritol.

27. (New) A process according to Claim 1, wherein said at least one methallyl halide is allyl, methallyl bromide or chloride.

28. (New) An methallyl ether of a tri or polyhydric alcohol, wherein it is yielded in the process of Claim 1.

29. (New) The process according to claim 4, wherein said purification step is distillation.

30. (New) The process according to claim 5, wherein said purification step is distillation.